

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	391	(84/312r).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/31 11:14
S2	582	(music\$4 near5 instrument or string \$3 near4 instrument or guitar or violin) and (titanium or titanium near3 alloy near5 GRADE or TiA16V\$1 or titanium near3 alloy)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/11 17:00
S3	584	(music\$4 near5 instrument or string \$3 near4 instrument or guitar or violin) and (titanium or titanium near3 alloy near5 GRADE or TiA16V\$1 or titanium near3 alloy)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/12 09:47
S4	21	S3 and (molten or forged or sintered) same (titanium or titanium near3 alloy)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/12 09:47
S5	2	("6057498").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/12 10:23
S6	2	S3 and S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/12 10:24

S7	23	((("2,447,939") or ("3,554,072") or ("4,971,759") or ("5,069,102") or ("5,227,572") or ("6,008,444") or ("6,028,257") or ("6,057,498") or ("6,124,538") or ("6,348,646"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/12 10:29
S8	10	S3 and S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/12 10:29
S9	4	"2002035912"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/12 10:31
S10	0	S3 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/12 10:31
S11	280	(84/452R).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/12 15:45
S12	237	((84/199) or (29/896.22)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/12 16:07
S13	4	(music\$4 near5 instrument or string \$3 near4 instrument or guitar or violin) and (titanium or titanium near3 alloy near5 GRADE or TiA16V\$1 or titanium near3 alloy) same tuner	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/19 17:26

S14	3	(music\$4 near5 instrument or string \$3 near4 instrument or guitar or violin) and (titanium or titanium near3 alloy near5 GRADE or TiA16V\$1 or titanium near3 alloy) same accessory	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/19 17:29
S15	81	(music\$4 near5 instrument or string \$3 near4 instrument or guitar or violin) same (titanium or titanium near3 alloy near5 GRADE or TiA16V\$1 or titanium near3 alloy)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/19 17:30
S17	3	electroplat\$3 same coat\$3 same platinum same gold same rhodium same anodiz \$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/19 22:09
S18	10	coat\$3 same platinum same gold same rhodium same anodiz \$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/19 22:14
S19	2	("6348646").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/20 14:20
S20	8	(music\$4 near5 instrument or string \$3 near4 instrument or guitar or violin or (wind or brass or woodwind) near3 instrument) and (tungsten near3 carbide near3 carbon or chromium near3 carbide or chromium near3 nitride or titanium near3 nitride) with coat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/20 14:28

S21	4	(music\$4 near5 instrument or string \$3 near4 instrument or guitar or violin) and (titanium or titanium near3 alloy near5 GRADE or TiA16V\$1 or titanium near3 alloy) and (titanium or titanium near3 alloy) with (molten or forged or sintered)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/20 14:49
S23	4	(music\$4 near5 instrument or string \$3 near4 instrument or guitar or violin) and (titanium or titanium near3 alloy) with (molten or forged or sintered)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/20 14:55
S25	2	(music\$4 near5 instrument or string \$3 near4 instrument or guitar or violin or (wind or brass or woodwind) near3 instrument) and (titanium near3 alloy) with (molten or forged or sintered)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/20 14:57
S26	4	(music\$4 near5 instrument or string \$3 near4 instrument or guitar or violin or (wind or brass or woodwind) near3 instrument) and (titanium) with (molten or forged or sintered)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/20 14:58
S29	616	(tungsten near3 carbide near3 carbon or chromium near3 carbide or chromium near3 nitride or titanium near3 nitride) with coat\$3 and PVD near8 coat \$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/20 15:17

S31	1	S29 and TiAl6V4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/20 15:23
S32	3	S29 and titanium near3 alloy near5 GRADE	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/20 15:24
S37	98	(titanium with alloy) with density same tensile near3 strength	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/20 16:18
S38	4	S37 and (titanium near3 alloy near5 GRADE or TiAl6V\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/20 16:21
S39	53	(titanium with alloy) with density with tensile near3 strength	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/20 16:35
S40	1	wolf near4 eliminator same (iridium or tantalum) same collet near4 chuck	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/20 20:49
S41	1	wolf near4 eliminator same collet near4 chuck	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/20 20:49
S43	1	wolf near4 eliminator and collet near4 chuck	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/20 20:50

S44	2	wolf near4 eliminator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/20 20:50
S45	0	resonan\$2 near4 damp\$3 same collet near4 chuck	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/20 20:51
S46	0	resonan\$2 near4 damp\$3 and collet near4 chuck	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/20 20:52
S47	350	instrument and collet near4 chuck	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/20 20:55
S48	2	music\$3 with instrument and collet near4 chuck	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/20 20:55
S49	1	wolf near4 eliminator same (iridium or tantalum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/20 21:00
S50	0	resonan\$2 near4 damp\$3 same (iridium or tantalum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/20 21:00
S51	0	resonan\$2 near4 damp\$4 same (iridium or tantalum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/20 21:01

S52	2	damp\$4 same pure near3 (iridium or tantalum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/20 21:02
S53	1	(music\$4 near5 instrument or string \$3 near4 instrument or guitar or violin or (wind or brass or woodwind) near3 instrument) and pure near3 (iridium or tantalum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/20 21:03
S54	1343	pure near3 (iridium or tantalum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/20 21:04
S55	59098	"84"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/20 21:04
S56	1	S55 and pure near3 (iridium or tantalum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/20 21:05
S57	2	damp\$4 same pure near3 (iridium or tantalum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/20 21:06
S58	4	(music\$4 near4 instrument or stringed near4 instrument or guitar or violin) and peg with (alloy)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/20 21:12
S59	0	(music\$4 near4 instrument or stringed near4 instrument or guitar or violin) and tunner with (alloy)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/20 21:21

S60	20	(music\$4 near4 instrument or stringed near4 instrument or guitar or violin) and tun\$4 with (alloy)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/20 21:21
S61	681	(music\$4 near4 instrument or stringed near4 instrument or guitar or violin) and peg with (shaft or body or thin\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/20 22:04
S62	1	(piano or keyboard) and tuning with peg same thread with fine with tuning	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/21 10:35
S63	1	(piano or keyboard) and peg same thread with fine with tuning	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/21 10:35
S64	8	(piano or keyboard) and thread with fine with tuning	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/21 10:35
S66	532	(stringed near3 instrument or guitar) and fret with (neck or (finger or fret) adj board or fretboard or fingerboard) with (mount\$3 or attach\$3 or secur\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/21 12:24
S67	4	(stringed near3 instrument or guitar) and fret with (neck or (finger or fret) adj board or fretboard or fingerboard) with (mount\$3 or attach\$3 or secur\$3) with teeth	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/21 12:25



S68	10	(stringed near3 instrument or guitar) and fret with teeth same (neck or (finger or fret) adj board or fretboard or fingerboard)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/21 12:26
S69	11	("4777858").URPN.	USPAT	OR	OFF	2008/02/21 12:32
S70	3	("5072643").URPN.	USPAT	OR	OFF	2008/02/21 12:33
S71	4	("3693490").URPN.	USPAT	OR	OFF	2008/02/21 12:47
S72	5	(stringed near3 instrument or piano or harps or zither or raffle) and string with pin same pin with thread	USPAT	OR	OFF	2008/02/21 12:49
S73	34	(stringed near3 instrument or piano or harps or zither or raffle) and string with pin same pin with thread	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/21 12:49
S74	5	("2447939").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/21 14:54
S75	2	("5069102").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/21 15:20
S76	391	(84/312r).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/02 08:08
S77	237	((84/199) or (29/896.22)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/02 08:34

S78	280	(84/452R).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/02 10:58
S79	607	(music\$4 near5 instrument or string \$3 near4 instrument or guitar or violin) and (titanium or titanium near3 alloy near5 GRADE or TiA16V\$1 or titanium near3 alloy)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/02 11:50
S80	34	"84"/\$.ccls. and (electroplat\$3 or coat \$3) with (platinum or gold or rhodium or anodized)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/02 12:06
S81	292	(148/237,238).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/02 18:01
S82	394	(84/312r).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/20 21:25
S83	512	((84/199,452R) or (29/896.22)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/20 21:42

S84	9	(music\$4 near5 instrument or string \$3 near4 instrument or guitar or violin or woodwind near4 instrument or brass near4 instrument) and (titanium or titanium near3 alloy near4 grade or TiA16V \$1 or titanium near3 alloy) same coat\$3 with (tungsten near3 carbide or chromium near3 carbide or chromium near3 nitride or titanium near3 nitride)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/20 22:23
S85	94	(music\$4 near5 instrument or string \$3 near4 instrument or guitar or violin or woodwind near4 instrument or brass near4 instrument) and (titanium or titanium near3 alloy near4 grade or TiA16V \$1 or titanium near3 alloy) same (tungsten near3 carbide or chromium near3 carbide or chromium near3 nitride or titanium near3 nitride)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/20 22:25

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